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ENGLISH

OWNER'S MANUAL

DIGITAL SIGNAGE MEDIA PLAYER

Please read this manual carefully before operating your set and retain it for future reference.

DIGITAL SIGNAGE MEDIA PLAYER MODEL
NC2000

www.lge.com

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NC2000 Specifications

Attention

- The product specifications may change without prior notice to improve the performance.

General specifications

Dimensions	250 mm (W) x 43 mm (H) x 205mm (D) (only Set)
Weight	1.43 kg (only Set)
CPU	Intel ATOM Processor 330 1.6 GHz(Dual Core), FSB 533 MHz
Chip Set	Nvidia MCP7A-I ON
Main Memory	DDR3 1066 1024 MB SODIMM type
Secondary Storage Device	SATA SSD 8 GB
O/S	Windows Embedded Standard

Multi I/O port

Serial Port	One external RS-232 Serial port
USB Port	Hi-Speed USB 2.0 port 480 Mbps rate (x5)
LAN Port	Realtek RTL8103E 10/100 Mbps Ethernet controller
VGA / HDMI	Nvidia MCP7A-ION integrated Graphic chipset
4-in-1 Card	Secure Digital (SD) / MultiMedia Card(MMC/MMC4.0) / Memory Stick(MS/MS-Pro) / xD Memory Card
PCI Express Card Slot	Supported
LINE OUT	Supported
SPDIF (Digital audio out)	5.1 Channel supported (Depend on source signal)

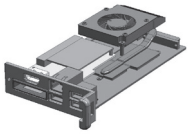
Operational Specifications

Resolution	Maximum Resolution	1920 x 1080 @ 60 Hz			
	Recommended Resolution	1920 x 1080 @ 60 Hz			
Power	Rated Voltage	AC 100-240 V~, 50 / 60 Hz, 1.2 A			
Sound output Wattage	RMS Audio Output 10 W + 10 W (R + L) : When connected to the monitor (Model Name : M4224C)				
Operating Condition		Sync (H/V)		Video	LED
	Normal Mode	On/On		Active	On
	Deep Sleep Mode (Set = Off)	Off/Off		Off	Off
Operating Conditions	Operating Conditions	Temperature	5 ℃ to 35 ℃	humidity	10 % to 80 %
	Storage Conditions	Temperature	-20 ℃ to 60 ℃	humidity	5 % to 95 %

NC2000 Components

Basic Components

NC2000 consists of the following components. Please check that these components are present prior to installing.



NC2000

Setup Program/User Manual

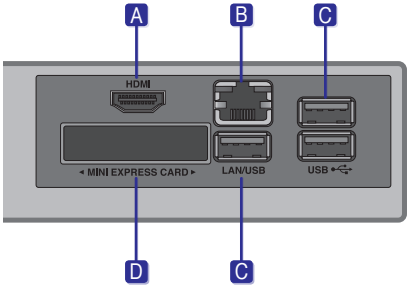
screw x 2

Attention

- The illustration may differ from your product. Some of these items may change depending on circumstances.

Name and Functions of Each Part (NC2000)

Back Panel



Number	each screen	Function Descriptions
A	HDMI Out	For an HDMI-compatible monitor.
B	LAN Connector	For a LAN cable.
C	USB In	For USB-type devices, including memory, hard disk, CD-ROM, Key-board, and mouse.
D	PCI MINI EXPRESS card slot	Provided for PCI Mini Express Cards.

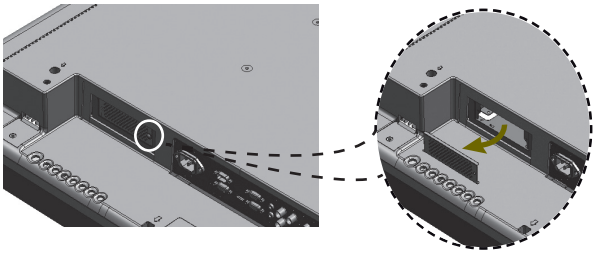
NC2000 Connection

We recommend you to use the items provided with your NC2000 and follow our instructions for integrating the product with your monitor in order to ensure the correct results.

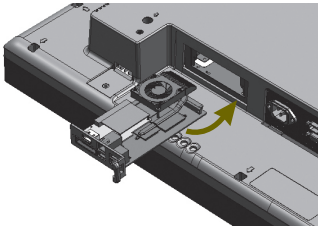
Attention

- The monitor illustrations shown above to guide your integration may differ from your product.

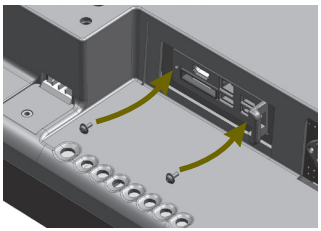
1 Remove the screw.



2 Attach the Box Guide to the rail slots, and press it upward.

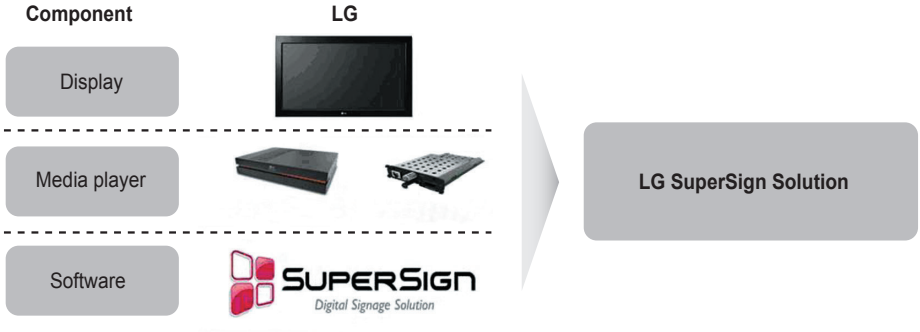


3 Use screws to secure the player and the Box Guide as shown below.



What is SuperSign?

SuperSign is a digital signage solution that was developed exclusively by LG Electronics. The LG SuperSign solution offers display, media player (hardware and software), and management programs.



Note

- Digital Signage Solution is a network-based digital signage communication program. These new advertising media can be used in various places such as commercial and public facilities, airports, and schools, depending on the ad content and location characteristics.

Display

Display is connected to the media player and used to show advertising videos. SuperSign Solution supports most LCD monitor display products supporting LG RS-232C protocols. The brightness, resolution, sound, and other features of an LG RS-232C protocols-enabled monitor can be controlled by the SuperSign Manager software.

Note

- Display types and their controllable range are listed in the **Appendix** to this document.

Media Player

SuperSign Solution's media player includes the NC2000 hardware as well as its software.

Software

SuperSign Solution provides the SuperSign Manager software, an all-in-one management program that is used to control the display and the media player, as well as create and distribute media.

Note

- More information on SuperSign Manager is available in the **SuperSign Manager section** of this document.

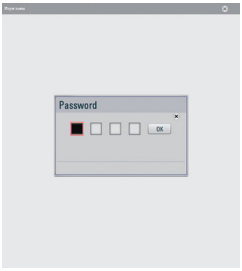
SuperSign Player Settings

SuperSign Player can be customized for multiple users.

Log-in to Setting Menu

1 To use the SuperSign Player setting menu, right click on the SuperSign Player ( ) icon located on the Windows taskbar. Its pop-up menu will appear as shown below.

2 Click **Setting** to display the password entry screen.



3 Type in your password and click **OK** to view the <SuperSign Player Menu> as shown below.

Note

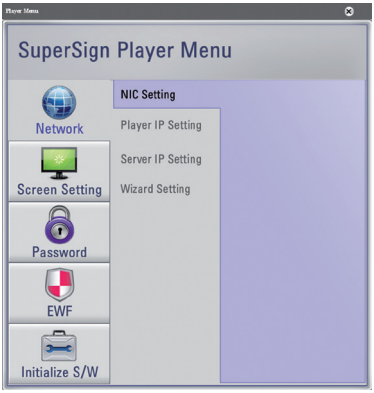
- The SuperSign Player's default password is set to **"0000"**.
- You can change the password by yourself. For details on password setting, refer to **Password** of this document.

Network Settings

You can set the player IP (the IP of the NC2000 in which SuperSign Player software is installed) and the server IP (the IP of the PC in which SuperSign Manager software is installed) in Network Settings.

NIC Setting

With NIC Setting option, you can select a network interface card from the list. This option is used when there are more than one network card installed on your player.



Note

- SuperSign Player will automatically detect a network interface card available when the player is started.

Player IP setting

Player IP setting is for the NC2000 IP settings. It is set to **Dynamic IP** by default.

- With **Dynamic IP** enabled, the IP will be automatically generated.
- With **Static IP** option, you can assign a specific IP for NC2000 by yourself.
- The **Player name** is set to the MAC address of the NC2000 network device by default. The user can change it later.
- Click the **Save** button to save the settings.

Server IP setting

In the **Server IP** setting you can set the IP of the PC (server) in which SuperSign Manager is installed.

It is set to **Auto Setting** by default.

- With **Auto Setting** selected, the IP of the server using the same network as the player will be automatically assigned.
- With **Manual Setting** selected, you can choose a specific server IP.
- Click the **Save** button to save the settings.

Note

- Only IPv4 is supported in the player and the server IP settings.
- If you entered the IP manually, and the network is disconnected, check the IP address and try again.

Wizard Setting

SuperSign Solution now provides SuperSign Network Setup Wizard that guides you through the steps necessary to configure network settings on your SuperSign Player and SuperSign Manager.

Attention

- Before continuing with the wizard, please make sure you already have a SuperSign Manager installed on your server. If not, this wizard may not setup network connections correctly.

Follow the steps below to setup network connections by using the wizard.

1 Select the network environment that you want to use to connect to SuperSign Manager and SuperSign Player.

SuperSign Network Setup Wizard
Welcome
Step 1
Step 2
Step 3
Wrap-up
Welcome to the SuperSign Network Setup Wizard
Before continuing, you must install
the SuperSign Manager program on your computer.
Local Area Network (LAN)
When the server and all players are
on the same network.
Wide Area Network (WAN)
When the server and all players are
Not on the same network.

- Choose the **LAN** when the SuperSign Manger and the SuperSign player are connected to the same network.
- Choose the **WAN** when the SuperSign Manger and the SuperSign player are connected to the different networks.

Note

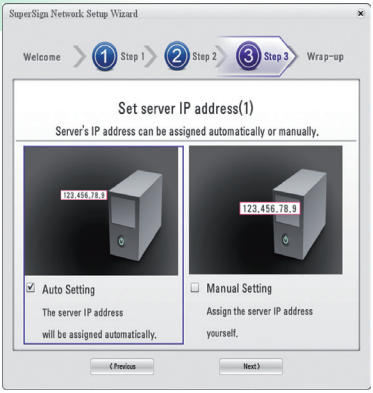
- If the default gateway address and the subnet mask set to the SuperSign Manager are same as the SuperSign Player, they are connected to the same network.
- Here is how to find the default gateway address and subnet mask set to your SuperSign Manager.
  Go to the desktop of the server on which the SuperSign Manager is installed.
  1. Click **Start > Control Panel**.
  2. On the control panel, double-click Network Connections.
  3. Right-click Local Area Connection.
  4. Click **Properties**.
  5. Select **Internet Protocol (TCP/IP)**, and then click **Properties**.
  6 < Internet Protocol (TCP/IP) Registration Information> dialog box appears.
  7. Check the **default gateway address** and the **subnet mask**.
- For SuperSign Player network settings, see **SuperSign Player Settings > Network Settings** in this document.

2 Enter a name for the SuperSign Player. The SuperSign Manager will use the name to identify the connected players.

3 Select a network interface card that will be used for network connections.

4 Set the SuperSign player IP address. Player's IP address can be assigned automatically or manually.

- Choose the **Dynamic IP** when you want the wizard to automatically set the IP settings.
- Choose the **Static IP** when you want to assign the IP address yourself.



5 Set the IP address for the server on which the SuperSign manager is installed. Server's IP address can be assigned automatically or manually.

- Choose the **Auto Setting** when you want the wizard to automatically assign the IP address to the server.
- Choose the **Manual Setting** when you want to assign the IP address yourself.

6 Connection will be made if the player is connected with a network cable properly. To complete the network connection, move to SuperSign Manager and select **Option > Start** search in the File menu. Please check the connection to players by running "Start search".

Attention

- If the network setting is failed with an error, make sure that the server and player are connected to the network and try again.

Screen setting

In the Screen setting menu, you can choose the screen view type. The type is set to **Landscape** by default.

- Select **Landscape** when you place the monitor horizontally.
- Select **Portrait** when you place the monitor vertically.

Password

In Password menu, you can set a password to access the SuperSign player menus.

Settings

You can choose whether you want to use a password when entering the SuperSign Player menu.

- If you select **Enable**, you must type in your password to use the SuperSign Player Menu.
- If you select **Disable**, you can use the SuperSign Player Menu without entering the password.

Change

You can change the password required for the SuperSign Player Menu. The password should be a four-digit number. You will then have to use your new password to launch the SuperSign Player Menu.

1	Enter a new password in **Change** menu and click the **OK** button. **Verify** menu will be activated.
2	In the **Verify** menu, re-enter the same password you used in the **Change** menu. Save the change by clicking the **OK** button.
3	This will display the message: "Your password has been changed."

EWF

In the **EWF** menu, you can select whether you want to use the Enhanced Write Filter feature of Microsoft Windows XP Embedded.

- EWF protects against viruses that can destroy the product file system.
- With EWF set to **Enable**, you cannot add, delete, or modify data saved in the C drive of NC2000.
- When you need to add a new program to NC2000, set EWF to **Disable**.
- With **Enable** selected, the new program cannot be installed.
- To apply the EWF change, restart your system.

Note

- For more information on EWF, visit the Microsoft website.
- Settings of the <SuperSign Player menu> such as network and screen settings and the EWF password are not deleted, because they are not controlled by EWF functions.
- It takes about five seconds to two minutes for the IP and EWF setting changes to be applied.

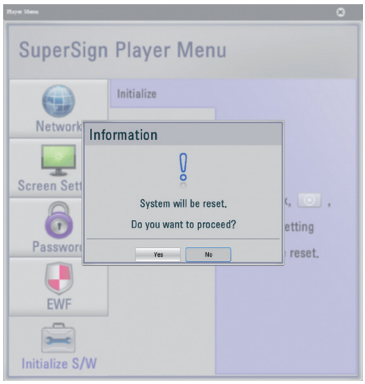
Attention

- When EWF was enabled, the data will be deleted if you reboot the machine even though you saved data in the C drive. If you want to keep the data, save it in the D drive.

Initialize S/W

The **Initialize S/W** menu allows you to initialize the SuperSign Player settings.

When you click the on the menu, an alert window will be displayed as shown below.



When you click **Yes**, the SuperSign Player settings will return to the same conditions that existed at the time of your purchase.

Attention

- Even after you initialize the software, the network settings will not be reset.

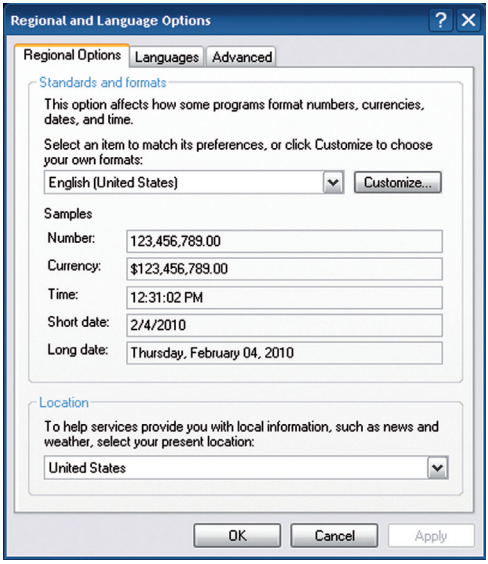
Regional and Language Options Settings

Regional and Language Options Settings

If you want to change the language, you can use <Regional and Language Options> of Microsoft Windows XP Embedded, the NC2000's Operating System.

You can change the language as follows:

1	Change EWF to **Disable** on the SuperSign Player Menu.
2	In Windows, select **Start > Setting > Control Panel > Regional and Language Options**.
3	Choose the language you want to use as shown in the illustration.
4	Re-install SuperSign Player with the new language.
5	Change EWF to **Enable** on the SuperSign Player Menu.
6	Reboot the system.



Attention

- SuperSign Manager and SuperSign Player should use the same language.

SuperSign Player Functions

Signage Mode (Video Playback Mode)

With NC2000 on and set up, SuperSign Player runs automatically. Then SuperSign Player automatically executes the **Play schedule feature**. **Signage mode** is for playing pre-distributed videos based on the assigned schedule.

The Signage mode screen is shown below.

Note

- When SuperSign Player is restarted, ad content is automatically played according to the last transferred schedule. However, content distributed from the **Edit contents** or **Management** menu of SuperSign Manager will not auto-played, even if SuperSign Player is restarted. Check out **SuperSign Manager Schedule** for details.

Attention

- The playback may be slow when more than two Full HD videos (H.264, MPEG-2, WMV) or other types of media are played simultaneously.
- When messages or texts are overlapped with more than two videos, this may cause blinking.
- The PowerDVD SE is included in SuperSign Player. If you remove the PowerDVD from SuperSign Player, quick video play will not be available.
- If you use Transition Effect onto Full HD-level pictures or more than two pictures, playback may become slow.
- A change to the Windows Standard Timeline will be applied after SuperSign Player is restarted.

Tray Icon Description

If you click the **ESC** key on the Signage mode while videos are playing, the video will pause and move to the desktop. The SuperSign Player tray icon is located in the lower right of the desktop.

The SuperSign Player tray icon shows the server connectivity status as shown below.

SuperSign Player Tray Icon	Description
	SuperSign Player is being installed.
	SuperSign Player is being uninstalled.
	SuperSign Player is connected to the server in which SuperSign Manager is installed.
	SuperSign Player is not connected to the server in which SuperSign Manager is installed.

Tray Icon Menu

Right-click the SuperSign Player tray icon in the lower right of the desktop to display the tray menu.

Menu	Description
Open exported file	This shows the content list transferred by SuperSign Manager. You can select the content you want to play from the folder it was saved in.
Play Schedule	You can play the content based on the SuperSign Player's schedule.
Delete schedule	Delete the schedule stored in SuperSign Player.
Setting	Go to the SuperSign Player Menu.
About the program	The program information including SuperSign Player version is shown here.
Exit	Exit SuperSign Player

Viewing SuperSign Player Summary Information

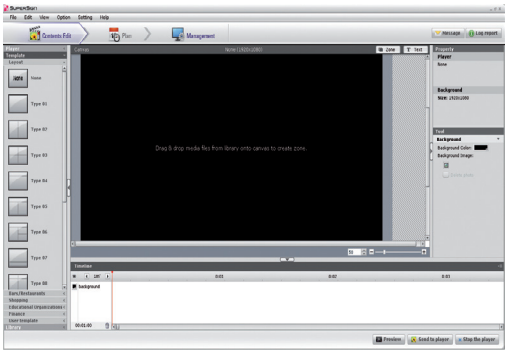
When you move the mouse pointer over the SuperSign Player Tray icon, the program summary information will be shown for about five seconds.

Information Type	Message	Description
Software information	SuperSign 1.0.1.1	The SuperSign Player version.
Server Connection information	Disconnected	Disconnected from SuperSign Manager. Connected to SuperSign Manager
	IP Address	The IP address of the connected/disconnected SuperSign Manager
Schedule information	Ready	There is no schedule registered.
	Scheduled	There are one or more schedules registered.

About SuperSign Manager

Product Information

SuperSign Manager is a network-based comprehensive management program that creates and manages digital media, distributes content, and supports video playback and remote control.



Contents Edit

You can create content for the SuperSign Player with a variety of media files. It supports numerous media files, including video, audio, documents, and Flash files, and applies an easy Drag and Drop feature to facilitate content creation.

Schedule Management

You can manage the schedules of your content to be played in the SuperSign Player. Schedules can be assigned by period as well as time.

SuperSign Player Management

You can register and manage more than one SuperSign Player on the same network. You can manage the registered SuperSign Players by controlling their power on/off, multiple monitor connection, and updates.

How to Install SuperSign Manager

The SuperSign Manager is supplied with the NC2000. Insert the CD included in the NC2000 package into your PC and install SuperSign Manager.

System Requirements

SuperSign Manager PC Recommended Specifications

Accessories	Requirements
CPU	2.5 GHz Core 2 Duo L2 Cache 2 MB or higher
RAM	2 GB or higher
HDD	250 GB or higher
Network	100 Mbps or higher
OS	Windows XP sp3 or Window 2003 Server
Graphics card memory	512 MB or higher

SuperSign Manager PC Minimum Requirements

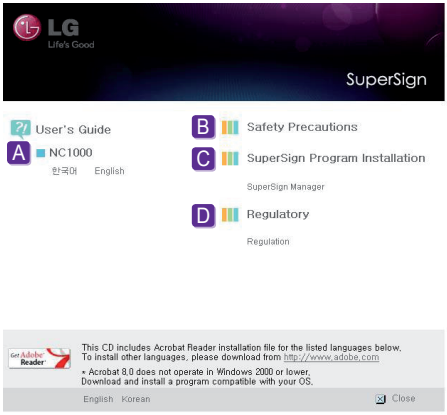
Accessories	Requirements
CPU	2.0 GHz L2 Cache 512 KB or higher
RAM	1 GB or higher
HDD	40 GB or higher
Network	10 Mbps or higher
OS	Windows XP sp2 or higher
Graphics card memory	512 MB or higher

Note

- SuperSign Manager basically supports Windows XP (32-bit), Windows 2003 Server (32-bit), and Windows VISTA (32-bit) only. The program cannot be run on operating systems other than these.

Installing the Program

When the CD provided in the NC2000 package is inserted into a PC, the installation program will run automatically as shown below.



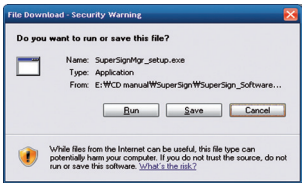
A	User's Guide	Guide for the SuperSign Solution users.
B	Safety Precautions	Safety instructions about the program.
C	SuperSign Program Installation	Installation is initiated by clicking **SuperSign Manager**.
D	Regulatory	Appropriate regulations for each country.

Note

- If the autostart is not working, open the window manually by double clicking the file **SupersignManager_setup.exe** in the **CD-ROM Drive:\SuperSign\SuperSign Software\Application\SuperSign Manager\ directory** of the CD.

Installing SuperSign Manager

When the CD provided in the NC2000 package is inserted into a PC, the installation program will run automatically.
Follow the steps below to install the SuperSign Manager.


File Download - Security Warning
Do you want to run or save this file?
Name: SuperSignMgr_setup.exe
Type: Application
From: E:₩CD manual₩SuperSign₩SuperSign_Software...
Run
Save
Cancel
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?

1 Click **Run** in the Download file pop-up window.

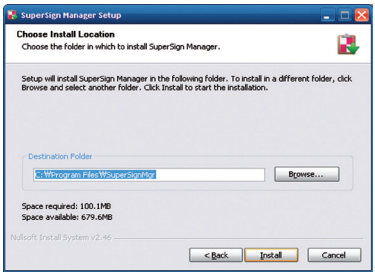
Internet Explorer - Security Warning
The publisher could not be verified. Are you sure you want to run this software?
Name: SuperSignMgr_setup.exe
Publisher: Unknown Publisher
Run
Don't Run
This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. How can I decide what software to run?

2 Click **Run** in the Security warning pop-up window.

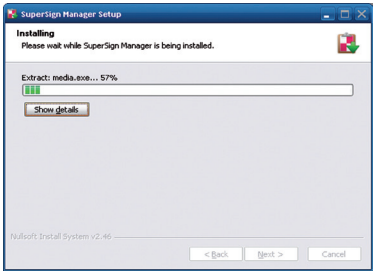
3 Select the language and then click **OK** to continue.

SuperSign Manager Setup
Welcome to the SuperSign Manager Setup Wizard
This wizard will guide you through the installation of SuperSign Manager.
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Next to continue.
Next >
Cancel

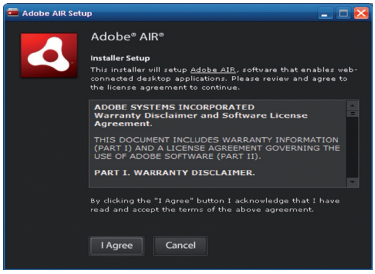
4 After reviewing the installation instruction, click **Next** to continue.


SuperSign Manager Setup
Choose Install Location
Choose the folder in which to install SuperSign Manager.
Setup will install SuperSign Manager in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
C:\Program Files\SuperSign\Mgr
Browse...
Space required: 100.1MB
Space available: 679.6MB
Nullsoft Install System v2.46
< Back
Install
Cancel

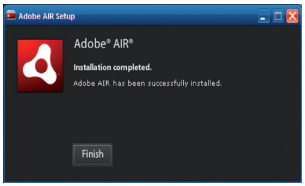
5 If necessary, change the installation path to the directory where you want to **install** SuperSign Manager. Click Next to continue.



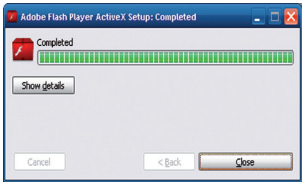
6 Installation is initiated. Click **Details** to see the detailed installation process information during installation.


Adobe AIR Setup
Adobe® AIR®
Installer Setup
This installer will setup Adobe AIR, software that enables web-connected desktop applications. Please review and agree to the license agreement to continue.
ADOBE SYSTEMS INCORPORATED
Warranty Disclaimer and Software License Agreement
THIS DOCUMENT INCLUDES WARRANTY INFORMATION (PART I) AND A LICENSE AGREEMENT GOVERNING THE USE OF ADOBE SOFTWARE (PART II).
PART I. WARRANTY DISCLAIMER.
By clicking the "I Agree" button I acknowledge that I have read and accept the terms of the above agreement.
I Agree
Cancel

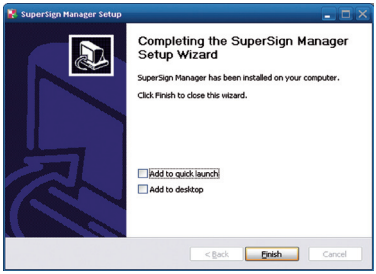
7 During the installation process, Adobe AIR installer will run to install it.
Click **Agree** to install Adobe AIR. You must install Adobe AIR to use SuperSign Manager properly.



8 Click **Complete** to finish the installation of Adobe AIR.



9 Adobe Flash Player Active X installation is initiated. Click **Close** when the installation of Adobe Flash Player Active X ends.



10 After SuperSign Manager installation is complete, Click **Finish** to exit the installation.

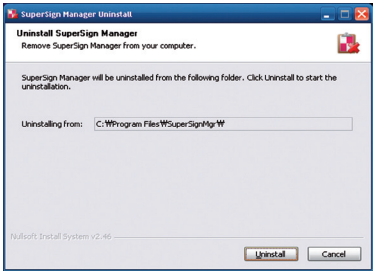
Note

- When you re-install the program without uninstalling it, you can preserve the data or initialize the system.
- If you use the Windows Vista operating system, you should log on as an Administrator. Otherwise, you cannot install the program.

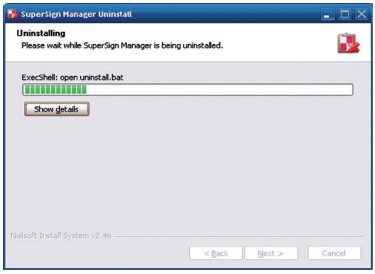
Uninstalling the program

To uninstall SuperSign Manager, Click **Start > Program > SuperSign Manager > Remove SuperSign Manager**.

Follow these steps to uninstall SuperSign Manager.


SuperSign Manager Uninstall
Uninstall SuperSign Manager
Remove SuperSign Manager from your computer.
SuperSign Manager will be uninstalled from the following folder. Click Uninstall to start the uninstallation.
Uninstalling from:
C:₩Program Files₩SuperSignMgr₩
Nullsoft Install System v2.46
Uninstall
Cancel

1 Click **Remove** to start the un-installation of SuperSign Manager.



2 Click **Details** to see the detailed un-installation process information during un-installation.

3 After SuperSign Manager uninstallation is complete, Click **Finish** to exit the un-installation.

Note

- SuperSign Manager can be uninstalled using Add or Remove Programs in Control Panel.

1. Windows XP, Windows 2003 Server
   Select SuperSign Manager in **Start > Settings > Control Panel > Add or Remove Programs**, Click **Remove**.

2. Windows VISTA
   Select SuperSign Manager in **Start > Settings > Control Panel > Programs and Features > Uninstall or change a program**, Click **Remove**.

Attention

- All data created by the user will be deleted when the program is uninstalled.

Starting SuperSign Manager

Starting SuperSign Manager

Open the program by clicking **Start > Programs > SuperSign Manager > SuperSign Manager**.

Logging In

1	When SuperSign Manager starts, a log-in window appears as shown below.
2	If you are running SuperSign Manager for the first time, you should create an ID and password you want to use. Log in to SuperSign Manager by clicking the **OK** button. When you click the **Cancel** button, your log-in will be canceled, closing the program.

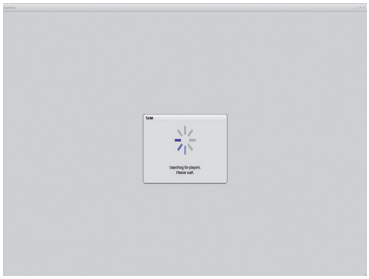
Note

- When SuperSign Manager is initially run, the default user ID is set as **"Administrator"**, which you can change later.

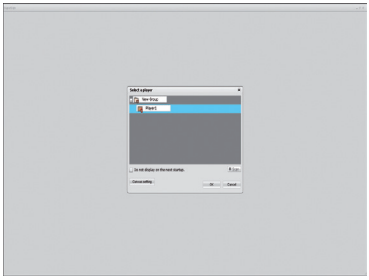
Attention

- You must remember the new ID and password you changed to, because they will be needed for the next log-in.
- If the password is lost, it cannot be restored. In that case, you will need to initialize the administrator account.
- To do this, enter **"1234567890init"** in the password field.
- Your ID and password can be up to 20 characters each.

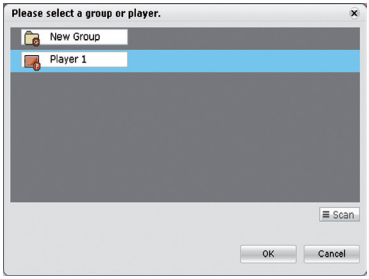
Selecting Players



1 When you are signed in, SuperSign Manager automatically searches for SuperSign Players on the same network.



2 When scanning is finished, the available SuperSign Players are listed.



3 Select SuperSign Player to connect and then click the OK or Canvas Setting button.

- **Scan**
  Repeat the search for connected SuperSign Players.
- **Canvas Setting**
  You can set the desired resolution.
- **OK**
  The OK button brings up a window from which you can choose templates and layouts.
- **Cancel**
  Cancel the selected SuperSign Player.
- **Do not display on the next startup.**
  The <Select a player> window will not appear again.

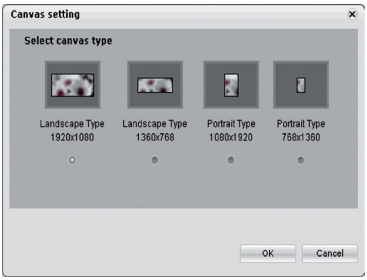
Note

- Time for searching players may vary depending on the number of players.

Setting Canvas

The canvas is a space where you can import and edit photos, videos, and texts.

1 Click **Canvas Setting** in the <Select a player> window to display it.



2 You can select the resolution you want in the <Canvas Setting> window. Choose the resolution and click the **OK** button.

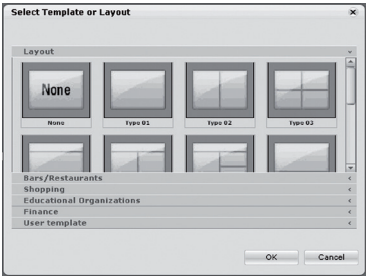
Note

- If you click the **OK** button on the <Select a player> screen, <Canvas Setting> is skipped and you go directly to the <Select Template or Layout> screen.
- SuperSign basically supports 1920 x 1080, 1360 x 768, 1080 x 1920, and 768 x 1360 monitor resolutions.

Selecting Templates or Layouts

SuperSign Manager provides popular layouts or templates to help users make content easily and quickly.

1 When you click the **OK** button on the <Select a player> window or the <Canvas Setting> window, the <Select Template or Layout> screen will appear.

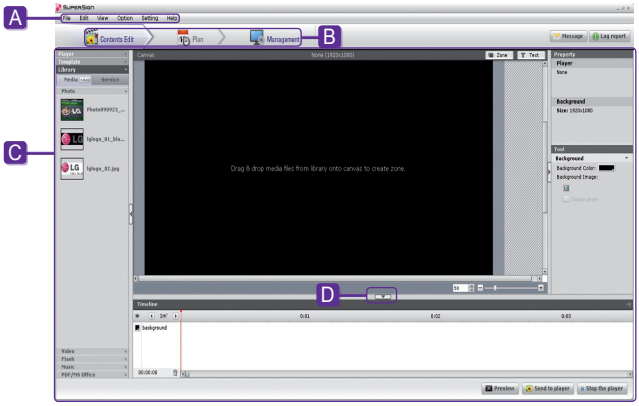


2 Select a template or layout and then click the **OK** button.

Note

- SuperSign provides templates and layouts if the resolution is 1920 x 1080, 1360 x 768, 1080 x 1920, or 768 x 1360.

SuperSign Manager Overview



Index	Item	Description
A	File Menu	The major features of SuperSign Manager are listed here.
B	Top Menu	With tab menus, content editing, content play schedule setting, system management are done here
C	Workspace	Content editing, playback schedule setting, and player management are done here.
D	Hide button	If you click the Hide button, the window not in use will be displayed or hidden.

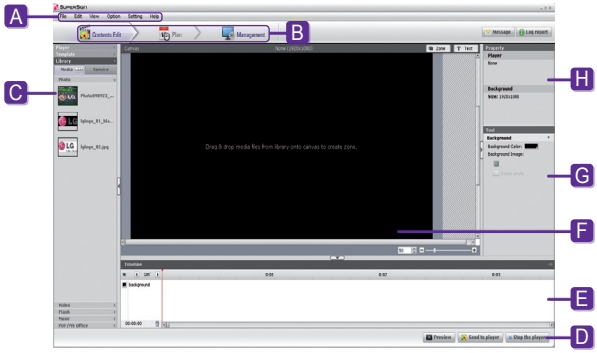
Contents Edit

SuperSign Manager provides a media content editor.

You can create content and play it in SuperSign Player with this content editor.

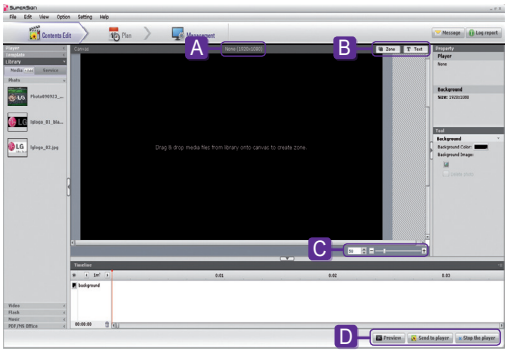
Overview

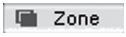
Content editing and various other features are available under **Contents Edit** in the top menu.



Index	Item	Description
A	File Menu	The major features of SuperSign Manager are listed here.
B	Top Menu	With tab menus, content editing, content play schedule setting, system management are done here.
C	Media window	You can view items registered in the templates and the media library. The SuperSign Player's registered information is available here.
D	Quick Menu	Popular content-editing features are displayed for quick search.
E	Timeline	Intuitive timeline is provided to allow editing the time and order per zone. Timeline allows you to arrange duration for each media content so that your media can be played at the designated time. Start time, duration, and end time of the zone can be set.
F	Canvas	The canvas is a space where you can import and edit photos, videos, and texts. You can divide the canvas zone and apply a different layout in each section. By overlapping many images in the divided sections in different timeline, you can create multiple image layers.
G	Tool window	You can change the properties of the selected zone or media. Use this to change background color or image properties.
H	Properties	Displays the properties of the selected zone or media. Information about the connected SuperSign Player and the resolution of the zone is displayed.

Checking details



Index	Description	
A	Canvas file name and resolution.	
B	Buttons for creating zones and text boxes.	
		Create a zone on the canvas. Click the **Zone** button and then click on the canvas to create a zone.
		Create a text box on the canvas. Click the **Text** button and then click on the canvas to create a text box.
C	Scroll bar that is used to zoom the canvas screen in or out. The screen size is controlled by moving the bar or entering a number in the field. The unit for the screen size adjustment is 10.	

Note

- What is a zone?

  A SuperSign Manager zone is an area on the canvas in which media or a layer is placed while the content is being edited. You can create a zone by combining different types of media items and create an ad by including another zone or zones (A zone can accommodate only one type of media). The zone can include photos, documents, webpages, videos, Flashes, music, and more. Because each zone is a separate area, it has its own properties and can be deleted or inserted easily. Also, ad content is easily created by dragging and dropping onto the canvas.

Number	Description	
D	Quick menus that allows using popular content-editing features.	
		You can preview your content before playing it with SuperSign Player. This allows users to preview the content being edited within the canvas prior to exporting it to SuperSign Player.
		You can transfer your content to SuperSign Player that is on the same network as SuperSign Manager.
		Stop playing the content currently playing on the player.

Attention

- Make sure that the Office program should be closed before previewing the Office files.
- Office or web files may not be displayed in the edited order (Z-order).
- To repeat SWF files, you should set them to repeatedly play.

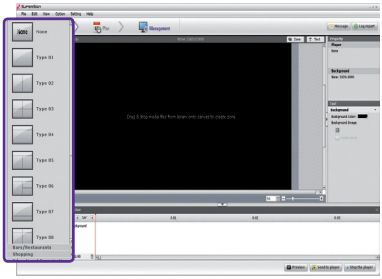
Note

- Content file names can include letters, numbers, and special characters such as @, #, $, %, [,] and { ,}.

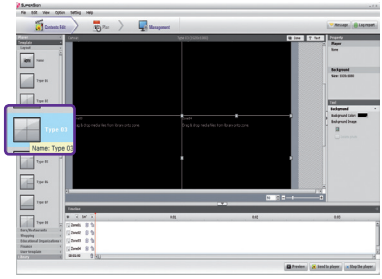
Changing Layouts

You can change layouts to suit your needs.

1. Click **Template > Layout** in the left part of the SuperSign Manager screen.
2. This will display the layouts registered in the media library.



3. Double-click on a new layout.
4. It will be shown on the canvas.



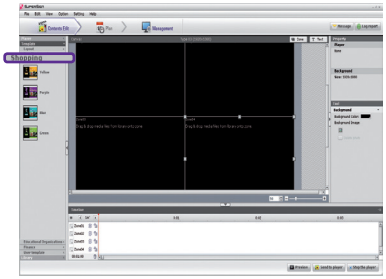
Attention

- If you change the layout, the content you are editing will be lost. Please save it before changing the layout.

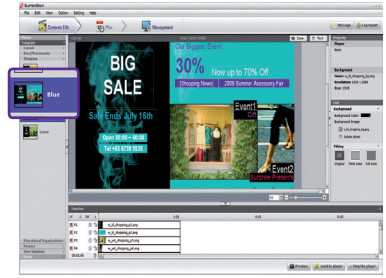
Changing Templates

As with layouts, you can change templates to suit your needs.

1	Click on **Template** in the left part of the SuperSign Manager screen.
2	This will display the templates registered in the media library under different categories. The categories include Bar/Restaurant, Shopping Mall, and Public Organizations.



3	Double-click on a new template. This example explains how to change an existing template to a shopping mall template. (Double-click the **shopping mall**.)
4	The selected template will appear on the canvas.



Attention

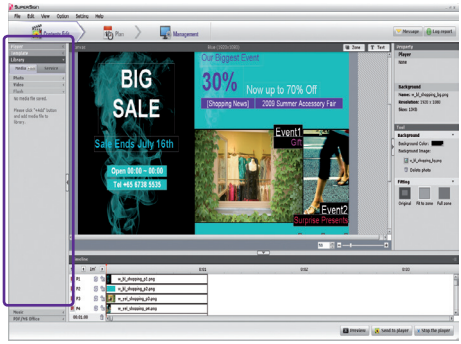
- If you change the template, the content you are editing will be lost. Please save it before changing the template.

Using Library

The media library is used to enroll media files needed for media content production, and to use services, including websites, RSS, and Widget.
To register media files in the media library, click the **Library** tab on the media window in the left part of the SuperSign Manager screen.

Note

- A video thumbnail is picked randomly from the middle frames of the file.
- If a video cannot be uploaded, check the required codecs from the **Codec Package Installation** in the Appendix section.



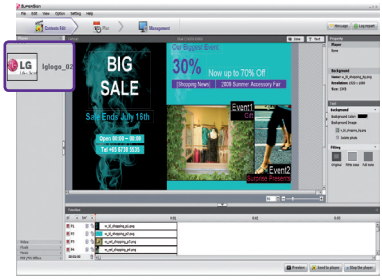
The library is divided into media and service as shown below.

Add a media file

You can add photos, videos, Flashes, music, PDF, and MS Office files on the media tab.

To add media, click +Add on the media tab.

After you select the file from the Select Files window and click the **Open** button, the media file will be registered in the library as shown below.



In addition to photos, the same process can be used to register videos, Flashes, music, and PDF/MS Office files.

Attention

- Please note that when a media file is deleted from the AutoUpload folder, it will also be removed from the library.

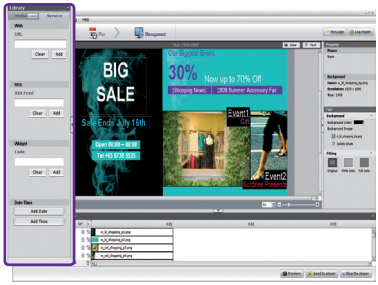
Note

- Registered media files are automatically saved in the AutoUpload folder in the folder containing SuperSign Manager. For example, C:\Program Files\SupersignMgr\AutoUpload
- Once registered, a media file will be automatically enrolled in the library whenever SuperSign Manager is run.
- To change the library folder, click **Options > Contents Edit** in the file menu and select the "Local media library folder information" field.
- By setting the Sync (Auto-upload) cycle in the **Options > Contents Edit** under the file menu, your library's media files will be **automatically uploaded** at every designated time. To start the Auto-upload process, click the **Start sync** button.

Add service contents

You can use SuperSign Manager to add online content such as websites, RSS feeds, and widgets, as well as their date and time.

Click **Library > Service** on the media window to launch the menu for adding content as shown below.



Note

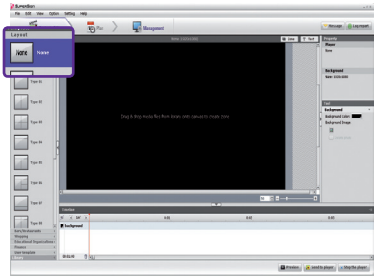
- Service contents cannot be saved together with media files in the library.
- For details on adding content, refer to the **Create contents** section of this document.

Creating Contents

Follow these steps to create contents:

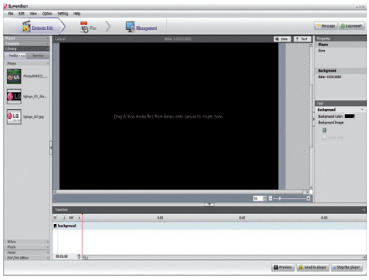
1 **Select Template or Layout**

Select a layout or template to display various media on the screen. The example shows the layout set to **None**. For specific information on how to change layout, refer to **Changing layouts** or **Changing templates** section of this document.



2 **Register Media in Library**

To use a media file, you first need to register it in the library. Register a media file as described in the **Using Library** section of this document.

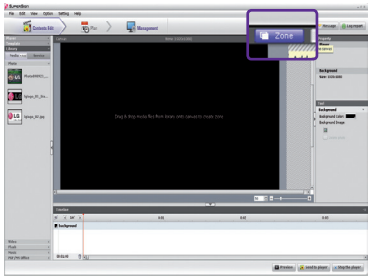


3 Display Media

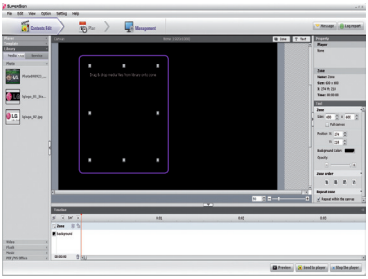
You can exhibit media such as photos, videos, music, PDF, and MS Office files registered in the library.

There are two ways to display media on the canvas.

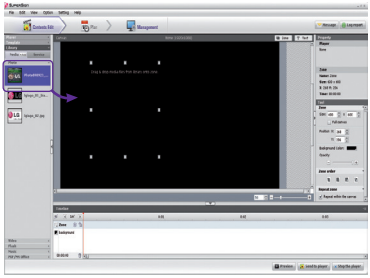
Add Media to Zone



1 Click the Zone button in the upper right of the screen.
Keep the zone button on.



2 Move the mouse pointer onto the desired location within the canvas and click.
The zone is created as shown below.

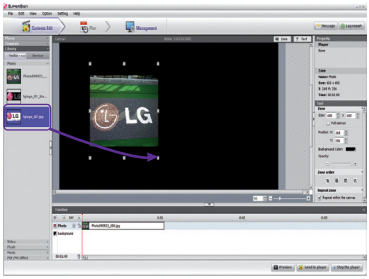


3 Drag and drop a media file already registered in the library.

4 The media will be added to the zone.

Drag Media

You can directly display media files.



1 To do this, drag and drop a registered media file.

2 The file will be displayed on the canvas as shown below. You will also see that a new zone is automatically created. The size and location of the new zone can be freely adjusted.

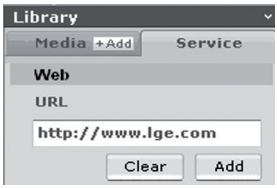
4 Display Service Content

You can use SuperSign Manager to add online content such as websites, RSS feeds, and widgets, as well as their date and time.

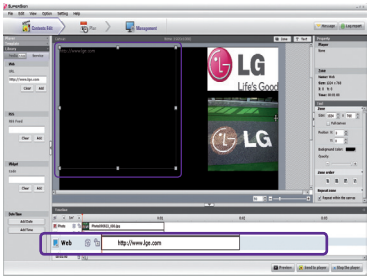
To add service content, click **Library > Service** on the media window.

Add Websites

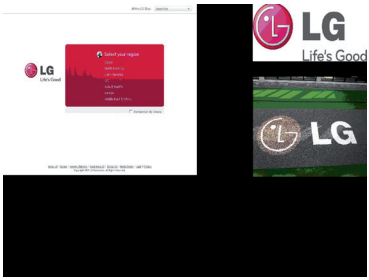
1 To add a website, enter a URL you want to add and then click the **Add** button.



The website zone will be added on the canvas.

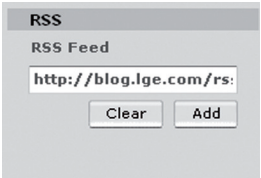


2 Move the new website zone to the desired location. Click the **Preview** button from the quick menus. You will see the website added as shown below.

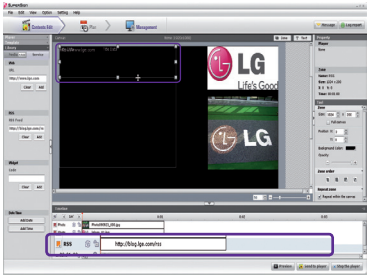


Add RSS Feeds

1 To add an RSS feed, enter a URL you want to add and click the **Add** button.



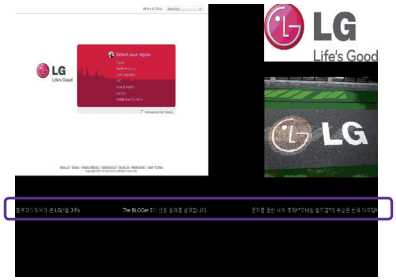
The RSS feed zone will be added on the canvas.



Note

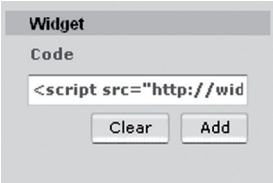
- The service and text zones can include only one item each.
- RSS stands for Really Simple Syndication, and is defined as a format used to publish frequently updated works. Using RSS reader software, users can subscribe to receive timely updated content provided by their favorite sites in an RSS-compatible format.

2 Display the RSS feed zone on the desired location on the canvas. Click the **Preview** button from the quick menus to see the screen with RSS content added.

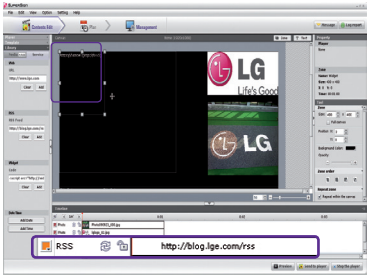


Add Widgets

1 To add widgets, enter a widget code and then click the **Add** button.



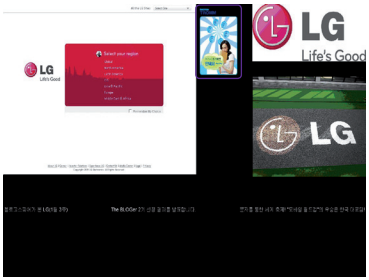
The widget zone will be added on the canvas.



Note

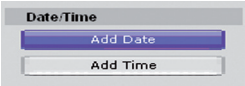
- Widgets are small icons linked to frequently used services that users can run without opening a web browser.

2 Display the widget zone on the desired location on the canvas. Click the **Preview** button from the quick menus to see the screen with Widget content added.

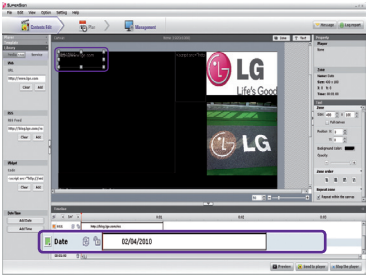


Add Dates

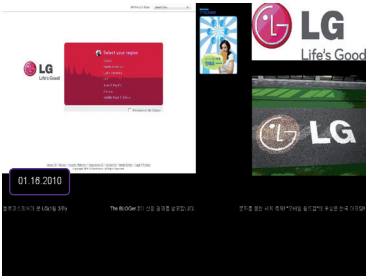
1 To add dates, click Add **Date** in the **Date/ Time zone**.



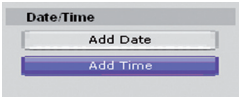
The date zone will be added.



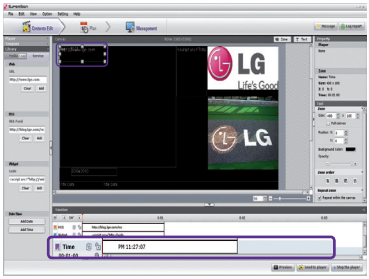
2 Move the new date zone to your desired location. Click the **Preview** button from the quick menus to see the screen with the added time information.



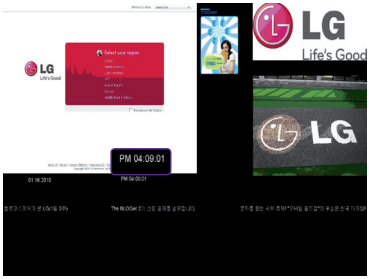
Add Times



1 To add times, click **Add Time** in the **Date/ Time zone**.



A time zone will be added.

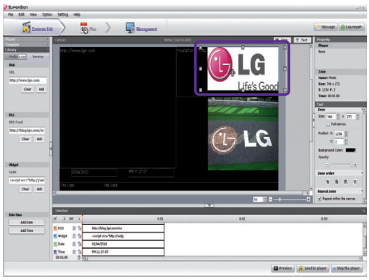


2 Move the new time zone to your desired location. Click the **Preview** button from the quick menus to see the screen with the added time information.

Copy Zones

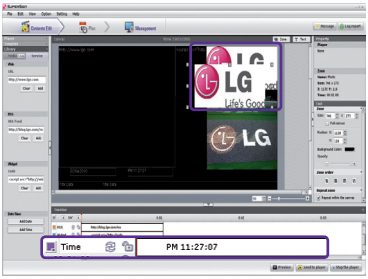
A zone on the canvas can be copied and pasted to other spaces.

1 To do this, first select the zone you want to copy.



2 Click **Edit > Copy** in the file menu, or press **Ctrl + c** to copy the selected zone.

3 Click **Edit > Paste** in the file menu, or press **Ctrl + v** to paste the selected zone onto the canvas.



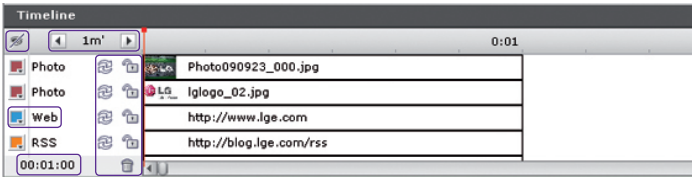
Note

- If you copy a zone, its properties and the media in it will be copied as well.

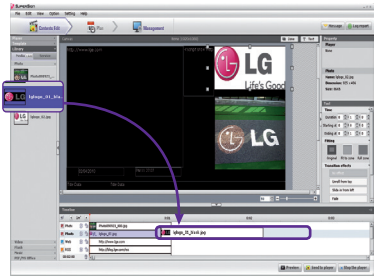
Setting Timeline

Timeline allows you to arrange duration for each media content so that your media can be played at the designated time. On the timeline, you can set start time, duration, and end time of the content in the zone. You can set to play the content for up to 12 hours.

Overview Timeline Setting

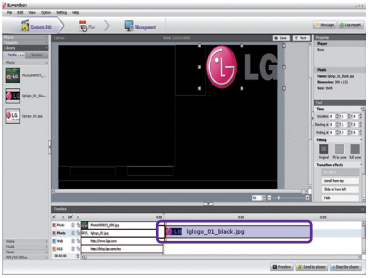


	You can display or hide the boundary color and file name of the zone on the canvas.
	(On: , Off:)
	Set the basic time unit of the timeline. Time units that can be selected are 1 minute, 10 minutes, or 30 minutes.
	Double-click on the zone name to change it. Click on the square in front of the zone name to change the zone's boundary color.
	You can enable or disable the repeat function. A zone with this feature on will be played repeatedly until the registered end time.
	(On: , Off:)
	Lock the zone. Locked zones cannot be selected or edited.
	(On: , Off:)
	Delete the selected zone. To do this, select the zone you want to remove and click or move the zone to the icon. You can delete the media within the zone using the same methods.
	This shows the total duration of the content. This time indicates the longest duration time of the zones.
	Change the canvas background color or image. Click the square in front of the canvas name to change its background color. To change the background image, drag a photo from the library and drop it into the canvas timeline. Only one background image can be used at a time.



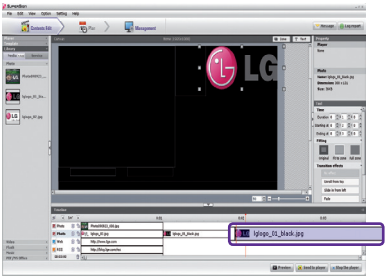
Add Media To Timeline

To add media to the timeline, drag a file to the timeline of the zone you want to add to.



Copy Media To Timeline

1. Select a media file from the timeline.



2. With the selected media file, press the **Ctrl + c** hotkey.
3. Press **Ctrl + v** to paste the file.

Note

- You cannot copy text or services, including RSS, websites, and widgets.

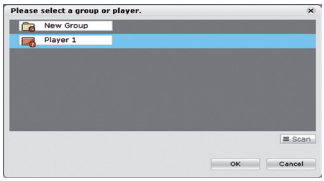
Distributing Completed Content

You can distribute content by sending it from SuperSign Manager to SuperSign Player in order to play it there. There are three ways to distribute your content:

Immediate Distribution

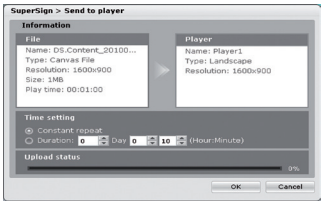
You can instantly send the created content to and play it with SuperSign Player.

1	Select **Player** in the media window. The SuperSign Players currently connected will be listed.
2	Select SuperSign Player you want to transfer your content to.
3	Click **Send to Player** in the quick menus. The <SuperSign > Send to Player> window will appear. If there is no connected player, the <Please select a group or player.> window will be shown for the player search.



4	Enter the duration in the <SuperSign > Send to Player> window and then click the **OK** button.

- Constant repeat : Constant repeat: Keep playing until a new schedule is added.
- Duration : Continue to play at this time for the duration.



5	Once the content is sent to SuperSign Player, it will be played on the screen connected to SuperSign Player.

Note

- When you transfer content via **Send to Player**, the schedules previously sent will be overwritten.
- With **Send to Player**, the content will be sent to player groups, not to an individual player.
- If the "The storage capacity is full." message appears, please check the free space available in the management menu of SuperSign Manager.

Scheduled Distribution

You can send content to SuperSign Player at the scheduled time. The content will be sent and played at the designated time. For details on the scheduled distribution, go to the **Schedule** section of this document.

Export contents

You can save the content as a file format playable with SuperSign Player. The saved content can be moved via a removable disk to be played in SuperSign Player.
The steps for exporting content are described below:

1	Complete the content and click **Export contents**.
2	Specify the folder in which the content will be saved.
3	Click **Export contents** to create a new folder in which to save the content. ● The content's media and information files will be stored in the folder. ● Use a USB storage device to play the content file sent as **Export contents**. ● **Export contents** can be automatically or manually played in SuperSign Player.

Attention

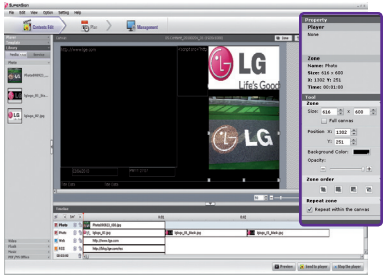
● **Export contents** is not available for images provided with the templates.

Note

● Content that is saved in a USB storage device through **Export contents** can automatically be played in SuperSign Player as follows, depending on how the content was saved.
1. Create a folder named AutoPlay in the USB device.
2. Copy the xml and media files created by the **Export contents** function to that "AutoPlay" folder.
3. When the USB device is inserted into the NC2000 USB port, the content will play automatically.
4. When you remove the USB device from the port, the playback will be closed.

Content Properties/Tool

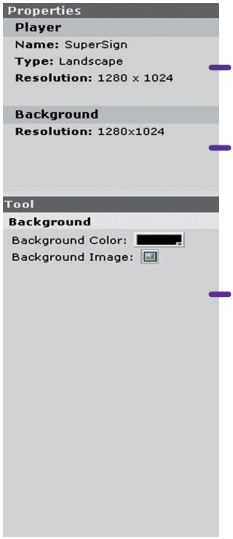
In SuperSign Manager, users can check and modify the properties of the selected content.



Selecting a canvas zone displays the zone **properties** in the upper right of the Properties window. You also can change the time, image size, play repeat, and volume of the zone in the **Tool** window below the properties window.

Content Properties/Tools

■ Media File

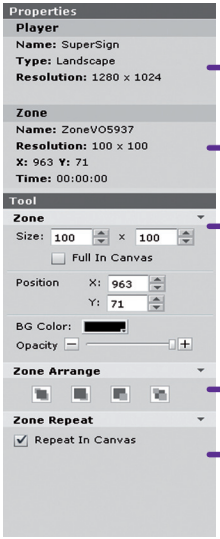


Shows information on the connected players and groups.

Background resolution

Background customization
Pictures only in the media library can be used as background.

<Background>



Shows information on the connected players and groups.

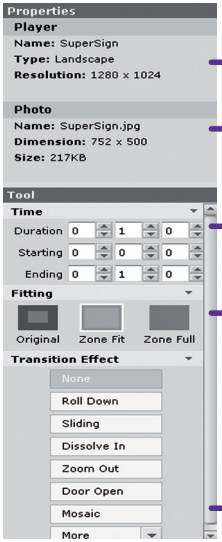
Zone infomation

Zone customization

Changes zone order (bring to front, bring forward, send backward, send to back)

Repeat setting within canvas

<Zone>



Shows information on the connected players and groups.

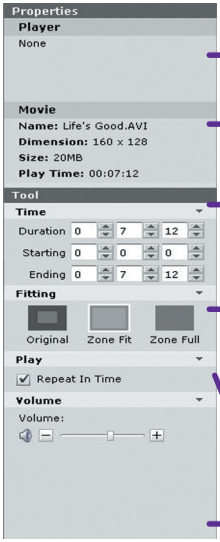
Shows information about the selected picture.

Sets a playback time for the selected picture.

Fit to zone as original
Fit to zone, keeping ratio
Fit to zone as full screen

Adds special effects to the picture.

<Photo >



Shows information on the connected players and groups.

Shows information about the selected video.

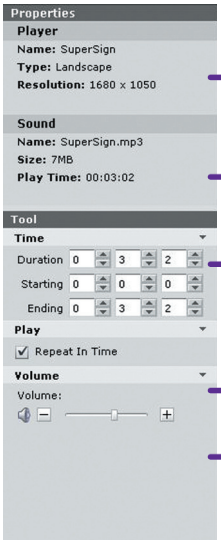
Sets the playback time.

Fit to zone as original
Fit to zone, keeping ratio
Fit to zone as full screen

Specifies whether to repeat the playback of the selected video within the set media playback time.

Volume control

<Video>



Shows information on the connected players and groups.

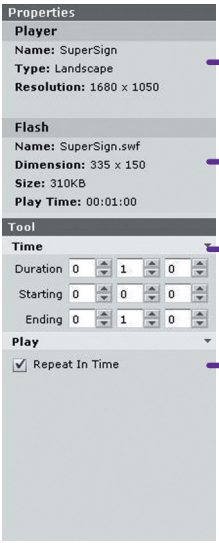
Shows information about the selected audio.

Sets an audio playback time.

Specifies whether to repeat the playback of the selected audio.

Volume control

<Music>



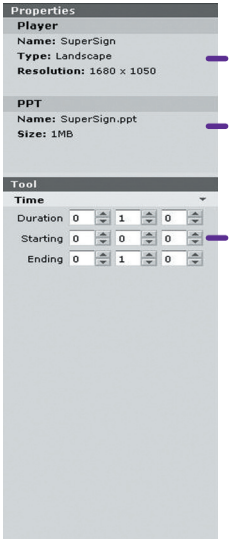
Shows information on the connected players and groups.

Shows information about the selected flash.

Sets a flash playback time.

Specifies whether to repeat the playback of the Flash.

<Flash>



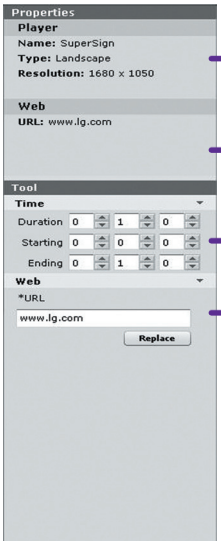
Shows information on the connected players and groups.

Shows information about the selected document.

Sets an PDF playback time.

<PDF/Office>

■ Service



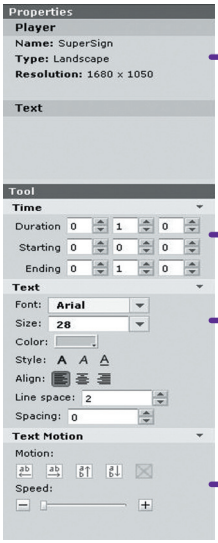
Shows information on the connected players and groups.

Web site to be linked.

Sets the playback time for the selected web site.

Changes the web site to be linked.

<Web site>



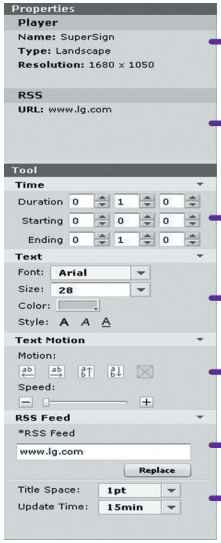
Shows information on the connected players and groups.

Sets a text playback time.

Sets the text format to the selected style.

Sets the direction and speed of the text movement.

<Text>



Shows information on the connected players and groups.

RSS (Really Simple Syndication) feeds to be linked.

Sets the playback time for the selected RSS feed.

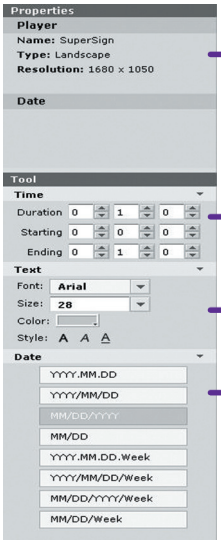
Sets the text format to the selected style.

Sets the direction and speed of the text movement.

Changes the RSS feed to be linked.

Sets space between RSS titles.
Sets RSS update period.

<RSS>



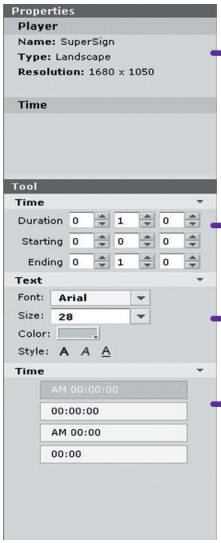
Shows information on the connected players and groups.

Sets a date playback time.

Sets the text format to the selected style.

Date format

<Date>



Shows information on the connected players and groups.

Sets a playback time for the time content.

Sets the text format to the selected style.

Time format

<Time>

Shows information on the connected players and groups.

Information about the connected widget

Sets a widget playback time.

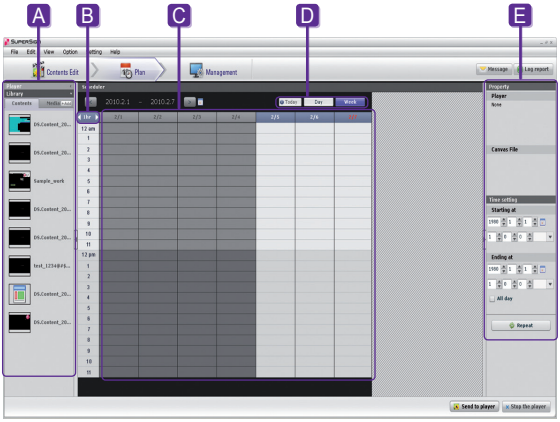
Changes the URL of a widget to be connected.

<Widget>

Schedule

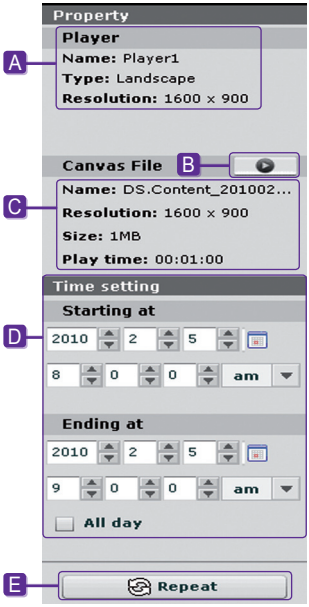
A schedule is the time table for playing content in SuperSign Player.
Schedules are set as daily, weekly, or repeating.

Overview



Index	Description	
A	Information about the player connected to SuperSign Manager is displayed. The content and media files created in the content editor are listed.	
B	Display times are set by 10 minutes, 30 minutes, or one hour.	
C	Assign content and media files to the desired times. You cannot set them to a date already past. The schedule should be within 180 days after the present date.	
D	Schedules are shown in three different modes.	
	• Today	The daily schedule (24-hour unit) is displayed. Click the **Today** button of the daily mode to move to today's date. Click the **Weekly** button of the daily mode to move to the selected date's week.
	• Daily	The daily schedule (24-hour unit) is displayed. Click the **Today** button of the daily mode to move to today's date. Click the **Weekly** button of the daily mode to move to the selected date's week.
	• Weekly	The weekly schedule (7-day unit) is displayed. Click the **Today** button of the weekly mode to display the present week. Click the **Daily** button of the weekly mode to go to the selected date. If no date is selected, it will go to the first day of the selected week.
E	Schedule properties are displayed.	

Properties and Tool windows



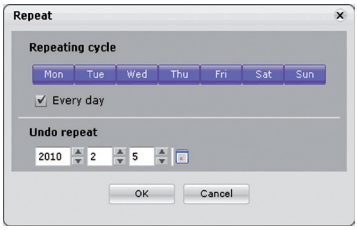
A The name, type, and resolution of the selected player.

B Preview the selected content.

C Properties of content or media files for which schedules are registered.

D Enter the duration directly to display content.

E Set a repeat cycle.

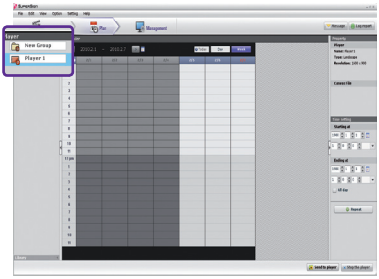


To set repeat cycles:

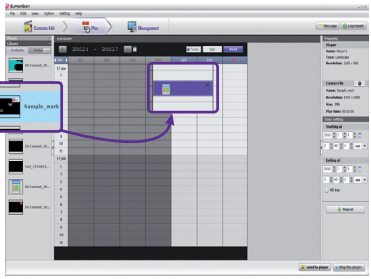
1	Enter the end time for the repeat.
2	Set the days for scheduling the repeat before the end date.
3	Check the **Everyday** box to repeat the play every day.
4	Click the **OK** button to update the schedule with this change.

Setting schedules

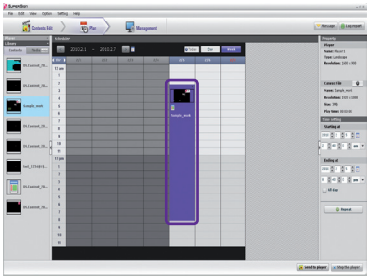
Follow these steps to make a schedule:



1	Click the **Player** menu in the media window and select SuperSign Player on which to change schedules.
2	The current schedules of SuperSign Player will be displayed.



3	To change the schedule, select content or a media file from the **Library** on the media window.
4	Create the basic schedule by dragging and dropping the selected content or media files.



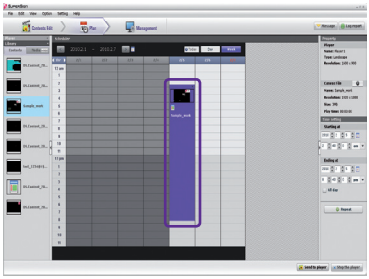
5	You can adjust the time by dragging a cell down, or by entering its time directly in the Properties or s.

Note

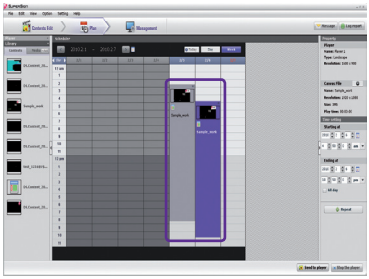
- The schedule blocks can be adjusted up to 24 hours in increments of 10 minutes.

Copying Schedules

Schedules can be copied in order to re-use them.



1	Select the schedule blocks you want to copy.
2	Press Ctr l + C to change the mouse pointer to the copy icon ( ). Press the **Esc** key to turn the icon back to the mouse pointer.
3	Click the point on the schedule table where you want to paste the copied schedule.



4	Click the **Save** button to apply the change.

Deleting Schedules

Delete Schedules Via File Menu

Select the schedule block you want to delete and then select **Edit > Delete** in the file menu.

Delete Schedules Via X Button

Select the schedule block you want to delete and then click the **Delete** button.

Delete Schedules Via Delete Key

Select the schedule block you want to delete and then press the **Delete** key on your keyboard.

Distributing Schedules

Immediate Distribution

Send the schedule to a selected player by clicking the Send to Player button.

Scheduled Distribution

You can set scheduled distribution times in **Option > Distribution** under the file menu. The schedule distribution time is **disabled** by default.

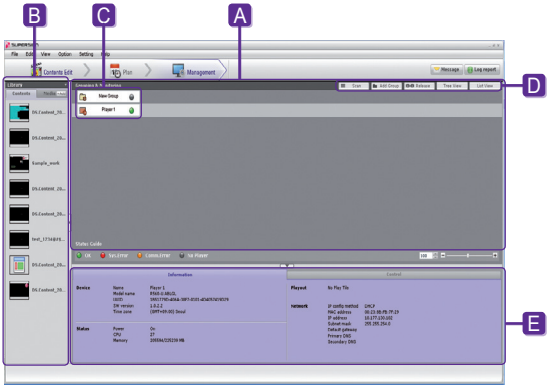
Note

- You can stop the transfer while schedules or content is being sent. Once suspended, you should resume the transfer process from the start.
  If the transfer is not 100% completed, the content will not be played.

Management

The SuperSign Players connected to SuperSign Manager and the monitors connected to each player can be managed by group in the management menu. By grouping distribution destinations, duration, and places to be displayed, you can control player and monitor information.

Overview



Index	Description
A	The SuperSign Players connected to SuperSign Manager is listed.
B	Content and media files created from the content editor will be listed.
C	There is an information tab containing the selected SuperSign Player, and a control tab with control settings. The player and control information will not be shown if you select a group. * : Group, : Player, : Display Device
D	SuperSign Manager software items Scan — Re-search players. Add — Add a new group. Delete — Delete the selected group. Tree view — Tree view mode List view — List view mode
E	Double-click the group or player to rename it.

Note

- Group, player, and display names can be up to 20 characters each.

Note

- If a player is disconnected, it will automatically attempt to reconnect the SuperSign Manager.
- If SuperSign Manager becomes disconnected while in use, this will be alerted through an alert message and status lights.

Note

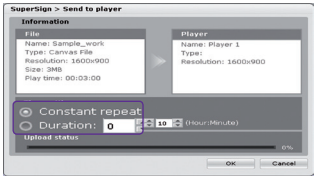
- When more than one SuperSign Managers are used, you cannot use them to control the same player at the same time. You should use the **Manual Setting** to connect the player to be controlled.
- When players are searched from more than one SuperSign Manager, the first player found will be connected. The same player cannot be used by different managers.

Manage Functions

Distribute Content Immediately

Drag content or media files onto the management screen to distribute them immediately to the connected SuperSign Player.

1	Select the content or media files to send to SuperSign Player in the library.
2	Drag the file to SuperSign Player to which you want to send it.
3	The <SuperSign > Send to Player> window will appear.
4	Enter the duration in the <SuperSign > Send to Player> window and then click the OK button.



- Constant repeat: Constant repeat: Keep playing until a new schedule is added.
- Duration: Continue to play at this time for the duration.

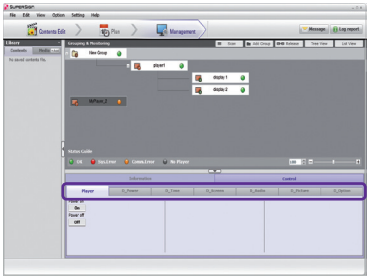
5	Once the content is sent to SuperSign Player, it will be played on the screen connected to SuperSign Player.

Note

- When you distribute media by drag-and-drop, it will be applied to the player group, not to an individual player.

Manage Groups

You can manage the players in a group and their displays here.
When you select a group, the group-based tabs will be activated.
With the group-based tabs, you can control the player power, display power, time, screen, audio, video, and other general features.

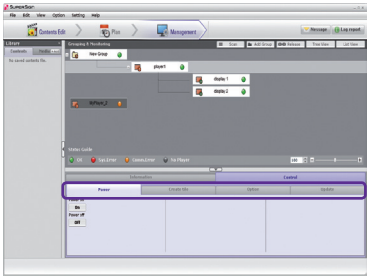


Note

- The status information is not available in the group control.

Control players

You can control players that are in a group or are individually connected.
When you select a player, the appropriate items will be shown on tabs for each player.
The player's power, tile production, general features, and updates can be controlled here.



Note

- Scan allows searching **players** that share the same network with SuperSign Manager.
- The information of the searched player includes the player and the display.
- The SuperSign Player's power (On/Off) can be controlled in the same network.

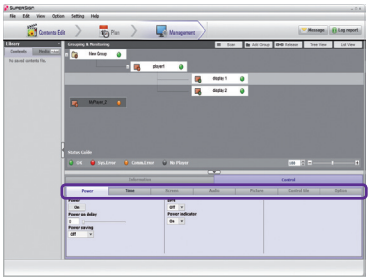
Control Displays

You can control the display connected to the player.

When you select the display, the settings with tabs will be activated.

The display power, time, screen, audio, video, tile adjustment, and other general features are available here.

Each tab will list the settings of the current display.



Note

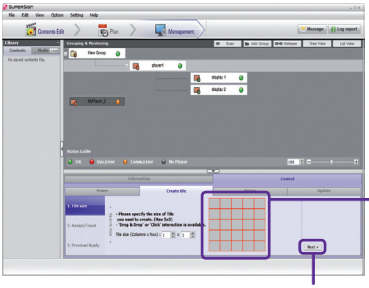
- The display control will be activated according to its entries or options.
- The display control shows the status information of the connected display.
- RS-232C commands through hyper terminals are not executed while SuperSign Player is in use.

Creating Tile Mode

Create Tile

Please execute the **Display Search for Daisy Chain** of option in advance when you configure the Tile Mode.

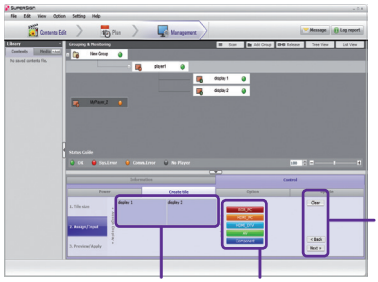
1



You can specify the number of rows and columns in the tile mode with mouse clicks or drag and drop. The size of tile cannot exceed the maximum number of displays connected.

Click Next button to move to the next step.

2

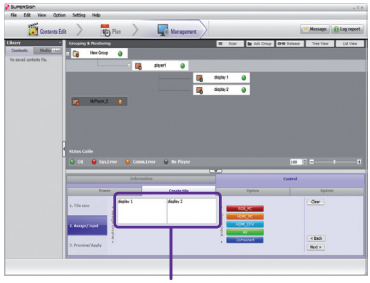


Click the button to move to the next step.

Layout for the display wall will be organized automatically according to the tile size you set above.

You can configure the input of each display.

3



You can select a display to be used in organizing the tile mode. The displays you select will be highlighted as shown above.

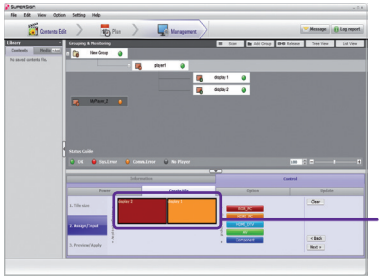
4

Specify the input source of the selected displays.

Attention

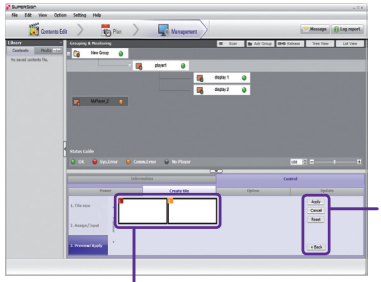
- If select input source after selecting one display, the display sets its tile size as 1x1.

5



You can choose the order of the displays using drag and drop.

6



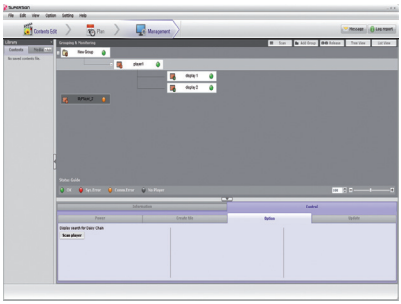
Apply: complete the settings for a tile mode.
Cancel: cancel the settings you made.
Reset: reset the settings to the default configuration.

In the Preview/Apply tab, the tiled image can be previewed.

Note

- The number of tiles cannot exceed the number of connected monitors.
- To connect multiple monitors for tile mode, see the How to Install section of this document.
- The control shows the status information of the connected display.

Option

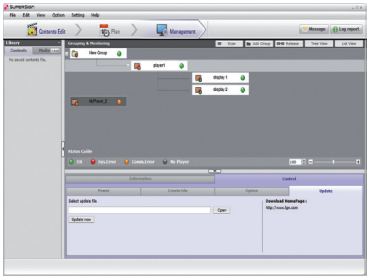


1	If you want to manually search for a display after connecting the monitor with an RS-232C cable, select the Player and select **Control > Options > Display search for Daisy Chain**.
2	Click the **Search** button to find and add the display connected with a Daisy Chain.

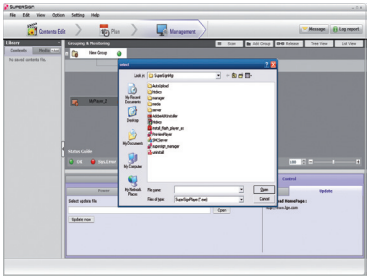
Other features

Update Now

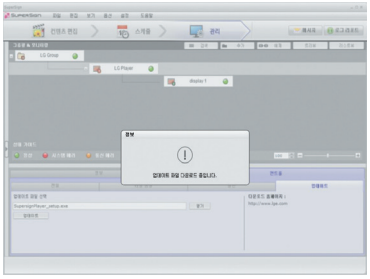
You can remotely update the SuperSign Player software.
The player settings which the user entered will not change.



1 Click a connected player on the Grouping & Monitoring window and select the update tab menu under the control menu.



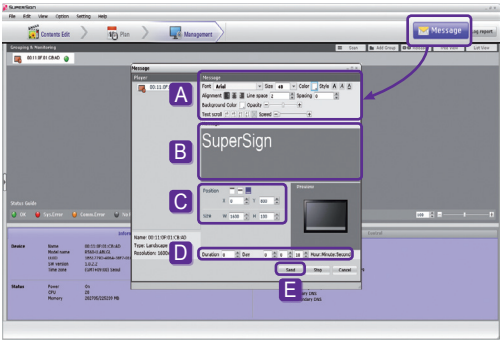
2 Press the Open button to select the SuperSign Player update files downloaded from the SuperSign homepage, www.lge.com.



3 Press the Update Now button to update the software of the selected player.
The player in a remote location will be restarted automatically after the updating is completed.
At this time, the player will be disconnected from the manager and then reconnected when the reboot is finished.

Send Messages

You can load messages on the connected player screen for urgent announcements, notices, or emergencies.



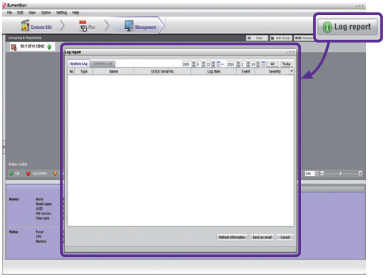
A	Set the text properties such as font, size, and color.
B	Enter the message to send.
C	Adjust the location of the text to send.
D	Set the playback time of the message. The default duration is 10 seconds.
E	Complete the message and click the Send button to instantly deliver it to the player.

Note

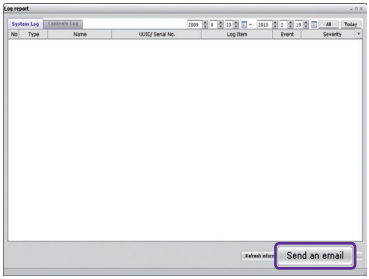
- Message entry is available only in landscape mode.
- The message will not be saved.
- However, the message format such as font, size, and color can be saved. The format will be saved only if you send the message, and will not be saved if you close the window without sending it.

Create Log Report

You can see the log information of system and contents.



- Log information reflects up to the previous 180 days.
- The report will be updated with the latest information.
- Using Send Email, you can send the log report files (.csv) to an assigned e-mail address.
- Change the email settings in Option > Management.
- Use the Send an Email button in the lower part of the log report window to transfer the log file to the administrator.



Note

- Details on the SMTP email setting are provided in the Appendix section of this document.

Frequently Asked Questions (FAQs)

Question	Answer
The transfer stopped during [Send to player] task.	● Check whether the media file is an officially supported type and try again. The officially supported media types are available in the Files **Supported by SuperSign list**.
The "Scan" shows no available players.	● Check whether the SuperSign Player is on. ● Check whether the SuperSign Player is working properly. ● Check the SuperSign Player's network cable connection status. ● Check the SuperSign Player's network IP address status. ● Set the SuperSign Player's network IP manually.
There are no templates visible in SuperSign Manager.	● When selecting a player, if you select a player's resolution not supported by the template, the template will not be shown. ● The supported resolutions are 1360 x 768, 1920 x 1080, 768 x 1360, and 1080 x 1920.
The data saved in the SuperSign Player's C drive were lost.	● SuperSign Player uses the Enhanced Write Filter (EWF) function for data protection. With EWF on, data saved by users in the C drive are only temporarily saved. These temporarily saved data will be deleted when SuperSign Player is rebooted. If you do not want to use the EWF function, go to the Player menu and turn the EWF off.
MS Office files do not open in SuperSign Player.	● Check whether the MS Office program is properly installed. With EWF "on", the MS Office program will not be correctly installed. Turn EWF "off" and re-install the MS Office program. We advise you to turn EWF "on" after the installation is completed.
Content is not playable even though the content I sent to the player was registered in the media library.	● The player will not play the new content received if another file is playing on the same player. Stop the content currently playing and then repeat the "Send to Player" process.
Letters of RSS, text, or messages are not correctly displayed.	● Change the Windows language setting using Regional and Language Options.

Frequently Asked Questions (FAQs)

Question	Answer
I cannot see Photo and PDF files.	● Check the current settings of Regional and Language Options in Windows and change the file name to be consistent with the language, then re-register the file in the library. For example, photos with a name in Korean may not be seen when the language is set to English.
After changing the time of the Windows in which SuperSign Player is installed, I found that it changed back.	● First check whether EWF was "off" when you changed the time setting. ● If it was "on", switch it "off" and then try again. ● Also check for the **time sync** option by right-clicking the Windows taskbar and opening the **Date/Time** dialog menu. With this option checked, the time will regularly reset according to the **timeline** selected by the user. If you do not want to use this function, select the Internet Time tab on the menu screen and uncheck the "Automatically synchronize with an Internet time server" item.
After I sent content while SuperSign Player was playing a video, the video was disrupted.	● This could be caused by the network status. Please retry the transfer when no content is playing in the player.
I lost the administrator password of SuperSign Manager.	● Once lost, the password cannot be restored. In that case, you will need to initialize the administrator account. ● To initialize the administrator account, type **"1234567890init"** in the password field.
Where can I get SuperSign Player programs or their driver files?	● You can find **SuperSign\SuperSign Software\Application\SuperSign Player** or **SuperSign\SuperSign Software\System\SuperSign Driver** in the CD included in the NC2000 package.
A message reading "As the web server is not operational, the program will be terminated." appeared. What does this mean?	● This means the web server was not properly installed when SuperSign Manager was set up. Even if another web server is available, SuperSign Manager may not work properly. If you have another web server already in use, delete it, or check whether the 6080 port is being used.

SuperSign Manager Menu List

File Menu

Main menu	Sub menu	Option	Menu Enabled			Description
			Contents Edit	Plan	Management	
File	Write a new canvas		●			Write a new canvas
	Open		●			Open exisiting contents file
	Close		●			Close currently editing canvas
	Save		●	●		Save currently editing contents
	Save as		●			Save contents to new name
	Save for Template		●			Save contents as a template
	Export contents		●			Export currently editing contents to the file
	Send to player		●	●		Send currently editing contents to the player
	Log out		●	●	●	User log out
	Password Change		●	●	●	Change user password
	Exit		●	●	●	Exit the program

Edit Menu

Main menu	Sub menu	Option	Menu Enabled			Description
			Contents Edit	Plan	Management	
Edit	Cut		●	●		Cut
	Copy		●	●		Copy
	Paste		●			Paste
	Delete		●	●		Delete
	Move to Contents Edit window			●		Move to Contents Editing window
	Move to Plan window		●			Move to Plan window
	Add group				●	Create a new group
	Release group				●	Remove selected group

View Menu

Main menu	Sub menu	Option	Menu Enabled			Description
			Contents Edit	Plan	Management	
View	Zoom	150%	●		●	150% (Zoom in)
		120%	●		●	120% (Zoom in)
		100%	●		●	100% (Original)
		80%	●		●	80% (Zoom out)
		60%	●		●	60% (Zoom out)
		50%	●		●	50% (Zoom out)
		30%	●		●	30% (Zoom out)
	Preview		●			Preview currently editing contents
	Show Wizard		●	●	●	Show Start Wizard when startup the program or write a new canvas
	Hide Wizard		●	●	●	Do not show Start Wizard when startup the program or write a new canvas
	Contents Edit Window	Timeline	●			Show/Hide Timeline
		Player Template Library	●			Show/Hide player/Template/Library
		Property Tool	●			Show/Hide Property/Tool
	Plan Window	Player Library		●		Show/Hide player/Library
		Property TimeSetting		●		Show/Hide Property TimeSetting/Library
	Managenent Window	Library			●	Show/Hide Library
		Information Control			●	Show/Hide Information/Control

Option Menu

Main menu	Sub menu	Option	Menu Enabled			Description
			Contents Edit	Plan	Management	
Option	Start search		●	●	●	Start Player Scanning
	Contents Edit		●	●	●	Set options related to Contents Edit mode
	Management		●	●	●	Set the E-mail of the administrator to send the Logreport
	Distribution		●	●	●	Set contents distribution time schedule

Setting Menu

Main menu	Sub menu	Option	Menu Enabled			Description
			Contents Edit	Plan	Management	
Setting	Server		●	●	●	Show server information
	Reset		●	●	●	Initialize the SuperSign Manager settings

Help Menu

Main menu	Sub menu	Option	Menu Enabled			Description
			Contents Edit	Plan	Management	
Help	Manual		●	●	●	Show SuperSign manual
	Technical Support		●	●	●	Show LG Electronics technical support information
	About		●	●	●	Show SuperSign Manager software information

Required Software and Codec Package Installation

Required Software

You should install all software below in order to take advantage of all Edit functions in the SuperSign solution.

Microsoft Office

To create content with Microsoft Office Word, PowerPoint, and Excel-formatted documents, both SuperSign Manager and SuperSign Player should have the same version of MS Office suite: 2000, XP, 2003, or 2007.

Attention

- You should purchase the Microsoft Office package.

Adobe Acrobat Reader (8.1 or later)

To see Help and to use PDF files as media, Adobe Acrobat Reader version 8.1 or later (excluding the Lite version) is required. Adobe Acrobat Reader should be installed both in SuperSign Manager and SuperSign Player.

Note

- You can download Adobe Acrobat Reader from the installation CD, or from the Adobe website at www.adobe.com for free.

Codec Package Installation

You need to install codecs if you want to upload or play videos.
If SuperSign Manager and SuperSign Player have different codecs installed, the player may not be able to play content. Use the same type and same version of codecs in SuperSign Manager and SuperSign Player.

You may need different codecs depending on the video files.

You can download codec packages from the links below.
- http://www.codecguide.com
- http://shark007.net
- http://www.free-codecs.com

Attention
- Please check the site's instructions concerning the codec license details.

Note
- LG Electronics takes no responsibility for managing the above sites. Each site's content may change without prior notice.

Attention
- Check if the package you downloaded has the required codec and install it.
- Install the same codec package in SuperSign Manager and SuperSign Player.
- Do not re-install the package if it is already installed.
- If you want to install another codec package, make sure that the one previously installed has been removed.

Files Supported by SuperSign

Supported Video File Formats: .avi, .wmv, .mp4, .mov, .mkv, .ts, .tp, .mpg, .mpeg, .flv

Attention
- To register and play videos, the SuperSign Manager and SuperSign Player should have the required codec pack.

Supported Image File Formats: .jpg, .bmp, .png.

Attention
- The maximum image size is 8,192 pixels (width or height). The total number of pixels should not exceed 16,777,216.

Supported Image File Formats: .mp3, .wma, .wav
Supported Flash File Formats: .swf
Supported Document File Formats: .ppt, .xls, .doc, .pdf

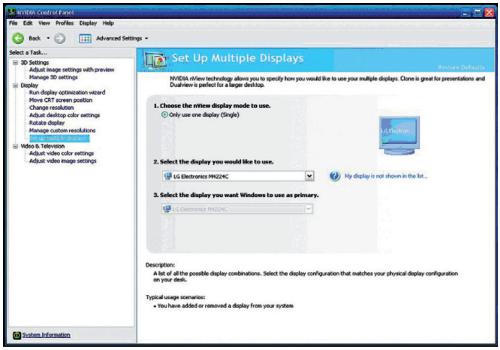
Microsoft Windows Embedded Standard Limitations

The following are potential errors that may occur due to internal limitations of Microsoft Windows Embedded Standard, which is the OS of SuperSign Player.

·If you press Alt+Enter on the DOS window, text other than English may be shown corrupted.
·If you use Save As function in the Print window, the menu window name will be displayed in English.
·When you move to sub-menu items such as Control Panel, some of the items, such as hyper terminal, country and language setting, will be written in English.

Swap Displays

You can change the primary and secondary monitors in the **Control Panel > Nvidia Control Panel**.


Set Up Multiple Displays
1. Choose the nView display mode to use.
Only use one display (Single)
2. Select the display you would like to use.
LG Electronics FM226C
My display is not shown in the list...
3. Select the display you want Windows to use as primary.
Description:
Typical usage scenarios:
System Information

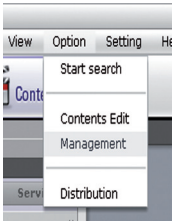
Attention

- Nvidia Graphic Chipset which is the graphic card equipped in SuperSign Player (NC2000) does not support display swap in the Windows Display Registry Information.

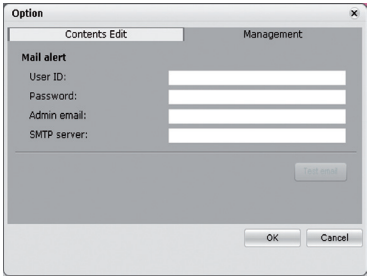
SMTP Email Setting

Follow the steps below to set the SMTP email. Log reports can be sent to the email address you set.

1 Select File menu **Options > Management** to use the email setting menu.



2 The <Options> window will appear.



3 Type an email address in the **Administrator Email** field to receive the report. Type the email server address in the **SMTP Server** field.

4 If the SMTP server requires user identification, provide the user ID and password and then click the **OK** button. (Encryption such as SPA and SSL is not supported.)

5 When you have filled in the required fields, click the **Test Email** button.

6 Check whether the test email has arrived at the designated address.

Make sure to read the Important Precautions before using the product.
Keep the User's Guide(CD) in an accessible place for furture reference.
The model and serial number of the SET is located on the back and one side of the SET. Record it below should you ever need service.

MODEL _____

SERIAL _____

Temporary noise is normal when powering ON or OFF this device.

WARNING - This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.